



1. Materials	
Plates	: Stainless steel 1.4401
Connections	: Stainless steel 1.4401
Brazed point	: Copper 99,9%
Nameplate	Heat-resistant Plate

2. Operation Conditions	
Ambient Temperature in Operation	5...40 °C
at transporting and stocking	-40...80 °C
max. valid pressure (Ü): DN65/100	25/16 bar
Inspection pressure: DN65/100	38/24 bar
min. valid temperature:	- 50 °C
max. valid temperature:	+ 195 °C
max. dT <sub>prim/sek.</sub> :	150 °C

### 3. Safety Instructions

(as far as applicable)

DIN EN 12828

safety equipment of heating-systems

DIN 4753

DIN 1988 parts 1 - 7

### 4. Unit based data

Plate-number	Volume (l)		Dimension (mm)			Weight (kg)
	H1/H4	H2/H3	Length L	Width W	Hight H	
50	12,5	20,75	246	362	987	115,5
60	15,1	24,90	273	362	987	128,1
70	17,7	29,05	301	362	987	140,7
80	20,3	33,20	328	362	987	153,3
90	22,9	37,35	356	362	987	165,9
100	25,5	41,50	383	362	987	178,5
110	28,1	45,65	411	362	987	191,1
120	30,7	49,80	438	362	987	203,7
130	33,3	53,95	466	362	987	216,3
140	35,9	58,10	493	362	987	228,9
150	38,6	62,25	521	362	987	241,5

## Copper brazed Plateheatexchanger - Construction

### OMC 300 / .....FE

all connections on a site